

After page 77 please insert:

SEQUENCE LISTING

and insert 7 pages of the Sequence Listing submitted herewith in the application.



SEQUENCE LISTING

<110> BRUCHEZ, Marcel P.
LAI, Jennifer
PHILLIPS, Vince
WATSON, Andrew R.
WONG, Edith

<120> LOOP PROBE HYBRIDIZATION ASSAY FOR POLYNUCLEOTIDE ANALYSIS

<130> 5100-0703.01

<140> 10/716,063

<141> 2003-11-17

<150> 09/815,510

<151> 2001-03-22

<150> 60/191,227

<151> 2000-03-22

<150> 60/237,000

<151> 2000-09-29

<160> 24

<170> PatentIn version 3.2

<210> 1

<211> 25

<212> DNA

<213> Artificial

<220>

<223> mbD7S8A

<220>

<221> misc_feature

<222> (23)..(23)

<223> N = (biotin dT)

<400> 1

gcagcccttt cccggaatgc gcngc

25

<210> 2

<211> 30

<212> DNA

<213> Artificial

<220>

<223> cmb D7S8A

<400> 2

tatgaccagc attccgggaa agggaagaaa

30

<210> 3
<211> 27
<212> DNA
<213> Artificial

<220>
<223> mbWNT5A

<220>
<221> misc_feature
<222> (25)..(25)
<223> N = (biotin dT)

<400> 3
gcacgcacaa actggtccac gacgngc

27

<210> 4
<211> 30
<212> DNA
<213> Artificial

<220>
<223> cmbWNT5A

<400> 4
acggagatcg tggaccagtt tgtgtgcaag

30

<210> 5
<211> 27
<212> DNA
<213> Artificial

<220>
<223> mbG

<220>
<221> misc_feature
<222> (24)..(24)
<223> N = (biotin dT)

<400> 5
gcgagccacc aaagatgata tgcncgc

27

<210> 6
<211> 30
<212> DNA
<213> Artificial

<220>
<223> cmbG

<400> 6	
aaagaaaata tcatcttttg tgtttcctat	30
<210> 7	
<211> 27	
<212> DNA	
<213> Artificial	
<220>	
<223> mbT	
<220>	
<221> misc_feature	
<222> (24)..(24)	
<223> N = (biotin dT)	
<400> 7	
gcgagccacc aaatatgata tgcncgc	27
<210> 8	
<211> 30	
<212> DNA	
<213> Artificial	
<220>	
<223> cmbT	
<400> 8	
aaagaaaata tcatatatttg tgtttcctat	30
<210> 9	
<211> 25	
<212> DNA	
<213> Artificial	
<220>	
<223> LDLr Loop A-5	
<400> 9	
cgagcatatg gtcctcttcc gctcg	25
<210> 10	
<211> 25	
<212> DNA	
<213> Artificial	
<220>	
<223> LDLr Loop B-5	
<400> 10	
cgagcatatg gttctcttcc gctcg	25

<210> 11
 <211> 31
 <212> DNA
 <213> Artificial

 <220>
 <223> LDLr test A

 <400> 11
 cccagtgtgg aagaggacca ttcctctgg g 31

 <210> 12
 <211> 31
 <212> DNA
 <213> Artificial

 <220>
 <223> LDLr test B

 <400> 12
 cccagtgtgg aagagaacca ttcctctgg g 31

 <210> 13
 <211> 20
 <212> DNA
 <213> Artificial

 <220>
 <223> LDLrsb

 <400> 13
 tcacaggttc cgatgtcaac 20

 <210> 14
 <211> 19
 <212> DNA
 <213> Artificial

 <220>
 <223> LDLrab

 <400> 14
 cagggtgggc ctctcacac 19

 <210> 15
 <211> 151
 <212> DNA
 <213> Artificial

 <220>
 <223> Sequence spanning the D7S8 locus upper strand

<220>
 <221> misc_feature
 <222> (50)..(50)
 <223> X: Location of SNP
 X=C/G: Allele A
 X=T/A: Allele B

<400> 15
 ctagggatgt tcctgtctca gggaccctga ccttattgct cccctttccn ggaatgctgg 60
 tcctgacaca ataataaag ctctgagaag gcagccattt ttgtatgctt tactccaggc 120
 tactttctcaa ctgcgagaac agggcttggc a 151

<210> 16
 <211> 151
 <212> DNA
 <213> Artificial

<220>
 <223> Sequence spanning the D7S8 locus lower strand

<220>
 <221> misc_feature
 <222> (102)..(102)
 <223> X: location of SNP
 X=C/G: Allele A
 X=T/A: Allele B

<400> 16
 tgccaagccc tgttctgcga gttgagaagt agcctggagt aaagcataca aaaatggctg 60
 ccttctcaga gcttatatta ttgtgtcagg accagcattc cnggaaaggg gagcaataag 120
 gtcagggtcc ctgagacagg aacatcccta g 151

<210> 17
 <211> 19
 <212> DNA
 <213> Artificial

<220>
 <223> 76bp fragment PCR forward primer

<400> 17
 gggaccctga ccttattgc 19

<210> 18
 <211> 19
 <212> DNA
 <213> Artificial

<220>
 <223> 76bp fragment PCR reverse primer

 <400> 18
 tggctgcctt ctcagagct 19

 <210> 19
 <211> 21
 <212> DNA
 <213> Artificial

 <220>
 <223> 151bp fragment PCR forward primer

 <400> 19
 ctagggatgt tcctgtctca g 21

 <210> 20
 <211> 20
 <212> DNA
 <213> Artificial

 <220>
 <223> 151bp fragment PCR reverse primer

 <400> 20
 tgccaagccc tgttctgcga 20

 <210> 21
 <211> 25
 <212> DNA
 <213> Artificial

 <220>
 <223> mbD7S8B

 <220>
 <221> misc_feature
 <222> (23)..(23)
 <223> N = (biotin dT)

 <400> 21
 gcagcccttt cctggaatgc gcngc 25

 <210> 22
 <211> 30
 <212> DNA
 <213> Artificial

 <220>
 <223> Complementary D7S8B

<400> 22
tatgaccagc attccaggaa agggaagaaa 30

<210> 23
<211> 24
<212> DNA
<213> Artificial

<220>
<223> AminoD7S8A

<400> 23
ttttttacca gcattccggg aaag 24

<210> 24
<211> 24
<212> DNA
<213> Artificial

<220>
<223> AminoD7S8B

<400> 24
ttttttacca gcattccagg aaag 24